

Claims

- [c1] A method to manufacture an artificial nail blank, comprising:
- choosing a desired raw material blank type to manufacture, and;
 - determining the mold to utilize in the creation of the desired blank, and;
 - injecting the raw material into the mold, and;
 - when applicable injecting multiple raw materials into separate molds and fusing the separate mold results together to form one nail blank.
- [c2] The method of Claim 1, wherein choosing a desired raw material includes raw materials comprising plastic, metal or ceramics, where;
- the plastics may be thermoplastic resin or thermoset types, and;
 - the metal may be any common metal substance which may be heated to a molten state and then molded, and;
 - the ceramics include any type of ceramic material including glass, clay or porcelain.
- [c3] The method of Claim 2, wherein choosing a desired raw material includes the ability to choose any color or com-

ination of colors. Further, the raw materials may be combined to create very unique nail blank combinations.

[c4] The method of Claim 1, wherein determining the mold to use includes determining if the nail blank will have an artistic enhancement or be all of one consistent color or raw material type.

[c5] The method of Claim 4, wherein an artistic enhancement includes a mold design that conforms to the curvature of the nail tip or appears to allow for the nail blank to permit a nail object to be cut out of the nail blank where the curve of the nail tip appears to be reflected in the mold.

[c6] The method of Claim 4, wherein the artistic enhancement may include customized or personalized designs with regards to the curve of the tip of the nail along the nail free-edge or the smile line.

[c7] The method of Claim 4, wherein one consistent color or raw material type includes a mold that is large enough to cut out an artificial nail object consisting of the entire color or raw material type.

[c8] The method of Claim 1, wherein determining the mold to use includes a decision regarding how many nail objects will be cut out of the manufactured nail blank. This number could be as little as one or as great as five hun-

dred individual nail objects to be cut out of the nail blank.

[c9] The method of Claim 1, wherein determining the mold to use includes allowing up to three inches in width, five inches in length and three inches in height for an individual nail object to be cut out of the manufactured nail blank, thus changing the parameters of the manufactured nail blank to allow for such an object to be successfully removed from it without damaging the nail objects characteristics or intruding upon any other number of individual nail objects to be removed from the manufactured nail blank.

[c10] The method of Claim 1, wherein injecting the raw material into the mold includes applying force to the raw material in a state where the raw material will reshape to conform to the mold selected.

[c11] The method of Claim 10, wherein injecting raw material into a mold may be accomplished by:
injection molding, or;
compression molding, or;
rotational molding, or;
blow molding, or;
thermoset injection molding, or;
any combination of these molding methods.

- [c12] The method of Claim 1, wherein multiple injections includes forcing the raw material into the mold for the first injection and then forcing a different raw material into the mold or a second mold to create the desired nail blank.
- [c13] The method of Claim 12, wherein forcing a different raw material into the mold or a second mold includes material of the same type but may be distinguished by color, chemical properties, characteristics or other distinguishing factors.
- [c14] The method of Claim 1, wherein fusing separate mold results into one manufactured nail blank includes the process of creating a better mating surface of the first mold by heating and/or applying a vice to create heat bonding and/or pressure bonding so that the raw material will merge into the one nail blank result while maintaining any desired artistic enhancement.
- [c15] A process to manufacture an artificial nail blank, comprising:
choosing a desired raw material blank type to manufacture, and;
determining the mold to utilize in the creation of the desired blank, and;

injecting the raw material into the mold, and;
when applicable injecting multiple raw materials into
separate molds and fusing the separate mold results to-
gether to form one nail blank.

[c16] The process of Claim 15, wherein choosing a desired raw
material includes raw materials comprising plastic, metal
or ceramics, where;
the plastics may be thermoplastic resin or thermoset
types, and;
the metal may be any common metal substance which
may be heated to a molten state and then molded, and;
the ceramics include any type of ceramic material includ-
ing glass, clay or porcelain.

[c17] The process of Claim 16, wherein choosing a desired raw
material includes the ability to choose any color or com-
bination of colors. Further, the raw materials may be
combined to create very unique nail blank combinations.

[c18] The process of Claim 15, wherein determining the mold
to use includes determining if the nail blank will have an
artistic enhancement or be all of one consistent color or
raw material type.

[c19] The process of Claim 18, wherein an artistic enhance-
ment includes a mold design that conforms to the curva-

ture of the nail tip or appears to allow for the nail blank to permit a nail object to be cut out of the nail blank where the curve of the nail tip appears to be reflected in the mold.

- [c20] The process of Claim 18, wherein the artistic enhancement may include customized or personalized designs with regards to the curve of the tip of the nail along the nail free-edge or the smile line.
- [c21] The process of Claim 18, wherein one consistent color or raw material type includes a mold that is large enough to cut out an artificial nail object consisting of the entire color or raw material type.
- [c22] The process of Claim 15, wherein determining the mold to use includes a decision regarding how many nail objects will be cut out of the manufactured nail blank. This number could be as little as one or as great as five hundred individual nail objects to be cut out of the nail blank.
- [c23] The process of Claim 15, wherein determining the mold to use includes allowing up to three inches in width, five inches in length and three inches in height for an individual nail object to be cut out of the manufactured nail blank, thus changing the parameters of the manufac-

tured nail blank to allow for such an object to be successfully removed from it without damaging the nail objects characteristics or intruding upon any other number of individual nail objects to be removed from the manufactured nail blank.

[c24] The process of Claim 15, wherein injecting the raw material into the mold includes applying force to the raw material in a state where the raw material will reshape to conform to the mold selected.

[c25] The process of Claim 24, wherein injecting raw material into a mold may be accomplished by:
injection molding, or;
compression molding, or;
rotational molding, or;
blow molding, or;
thermoset injection molding, or;
any combination of these molding methods.

[c26] The process of Claim 15, wherein multiple injections includes forcing the raw material into the mold for the first injection and then forcing a different raw material into the mold or a second mold to create the desired nail blank.

[c27] The process of Claim 26, wherein forcing a different raw

material into the mold or a second mold includes material of the same type but may be distinguished by color, chemical properties, characteristics or other distinguishing factors.

[c28] The process of Claim 15, wherein fusing separate mold results into one manufactured nail blank includes the process of creating a better mating surface of the first mold by heating and/or applying a vice to create heat bonding and/or pressure bonding so that the raw material will merge into the one nail blank result while maintaining any desired artistic enhancement.